

National Climatic Data Center

DATA DOCUMENTATION

FOR

DATASET 6105 (DSI-6105)

NMC Global GTS Surface Marine

March 11, 2004

National Climatic Data Center
151 Patton Ave.
Asheville, NC 28801-5001 USA

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1. **Abstract:** The major parameters in TD-6105 are sea level and station pressure, wind direction and speed, temperature and dew point temperature depression, previous 24-hour maximum and minimum temperatures, weather, total sky cover, past 6 and 24-hour precipitation, sea surface temperature, sea and swell heights, and periods. The National Meteorological Center (NMC) Global Telecommunication System (GTS) data is a collection of those observations used to initialize the NMC global forecast model. NMC places the data on disc at each main synoptic hour; 00Z, 06Z, 12Z, and 18Z. The data is then placed on magnetic tape every seven days (5 days for the Surface/Marine) and sent to the NCDC. SIRS stands for Satellite Infrared Sounding. SIRS-A was part of Nimbus-3 launched in 1968. It was a downward (nadir) pointing instrument. SIRS-B was part of Nimbus-4 launched in 1972. It was a cross track scanner and also provided vertical temperature profiles. See also NMC Satellite Winds. The files from January 1973 through December 1984 were converted from previous digital files.

2. **Element Names and Definitions:**

None included with original documentation.

3. **Start Date:** 19750211

4. **Stop Date:** 19991012

5. **Coverage:**

- a. Southernmost Latitude: -90.0S
- b. Northernmost Latitude: 90.0N
- c. Westernmost Longitude: -180.0W
- d. Easternmost Longitude: 180.0E

6. **How to Order Data:**

Ask NCDC's Climate Services about the cost of obtaining this data set.

Phone: 828-271-4800

FAX: 828-271-4876

E-mail: NCDC.Orders@noaa.gov

7. **Archiving Data Center:**

Archive Branch
National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

8. **Technical Contact:**

National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

9. **Known Uncorrected Problems:** None.

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10. Quality Statement:
11. Essential Companion Datasets:
12. References: